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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS AS OF DECEMBER 31, 1960. VOLUME 17. KANSAS

Public Health Service
Washington, D. C.

1962

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WASTE WATER DISPOSAL PRACTICES

At Federal Installations

Volume 17 - KANSAS

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GENERAL SERVICES ADMINISTRATION

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service

WASTE WATER DISPOSAL PRACTICES
at
FEDERAL INSTALLATIONS
as of December 31, 1960

Volume 17 - KANSAS

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Division of Water Supply and Pollution Control
Washington 25, D. C.

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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

State Volumes

No.		No.	
1	Alabama	28	Nebraska
2	Alaska	29	Nevada
3	Arizona	30	New Hampshire
4	Arkansas	31	New Jersey
5	California	32	New Mexico
6	Colorado	33	New York
7	Connecticut	34	North Carolina
8	Delaware	35	North Dakota
9	District of Columbia	36	Ohio
10	Florida	37	Oklahoma
11	Georgia	38	Oregon
12	Hawaii	39	Pennsylvania
13	Idaho	40	Rhode Island
14	Illinois	41	South Carolina
15	Indiana	42	South Dakota
16	Iowa	43	Tennessee
17	Kansas	44	Texas
18	Kentucky	45	Utah
19	Louisiana	46	Vermont
20	Maine	47	Virginia
21	Maryland	48	Washington
22	Massachusetts	49	West Virginia
23	Michigan	50	Wisconsin
24	Minnesota	51	Wyoming
25	Mississippi	52	Puerto Rico
26	Missouri	53	Virgin Islands
27	Montana		

Department Volumes

No.	
54	U. S. Department of Agriculture
55	U. S. Department of Defense (classified)
56	U. S. Departments of Commerce, Interior, Justice, Post Office, State, Treasury, and Health, Education, and Welfare
57	Independent Agencies of the U. S. Government
58	U. S. Department of Defense (classified) for Alaska, Hawaii, Puerto Rico and Virgin Islands only

U. S. GOVERNMENT PRINTING OFFICE WASHINGTON 25, D. C.

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INTRODUCTION

Inventory Background

The Federal Water Pollution Control Act (33 USC 466h), contemplates a Federal program in cooperation with State and interstate agencies and municipalities for the control and abatement of water pollution emanating from Federal installations.

The President, in a memorandum dated May 13, 1960, requested the Secretary of Health, Education, and Welfare to prepare an inventory of waste water disposal practices at Federal installations as a first step in the discharge of this responsibility. The President emphasized that the Federal establishment must point the way for the rest of the Nation by making certain its own house is in order with reference to the preventing and controlling of water pollution attributable to wastes discharged from Federal installations. The inventory, he stated, would assist the Federal agencies in determining what corrective actions may be required and how rapidly they may be accomplished to eliminate conditions contributing to such pollution.

On May 18, 1960, the Deputy Assistant to the President wrote the heads of all Federal departments and agencies, advising them of the President's instructions to the Secretary of Health, Education, and Welfare and stating that the President had asked them to provide "such assistance as may be requested by the Secretary of Health, Education, and Welfare in making this inventory and in completing it promptly."

The inventory entitled "Waste Water Disposal Practices at Federal Installations," of which this volume is a part, was prepared by the Department of Health, Education, and Welfare and the General Services Administration, in cooperation with all the Federal departments and agencies working in accordance with GSA Circular No. 232 (March 14, 1961). The circular, reproduced in the Appendix of this report, gives detailed instructions and criteria for the work.

Inventory Coverage

The inventory covers waste water disposal practices of Federal activities on all real property owned by or leased to the Federal Government in all the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Included also are the waste water disposal practices of wholly Government-owned corporations and nonfederal activities conducted on Federal properties, such as those of construction contractors and park concessionaires.

Not covered are trust properties; space leased to the United States for offices, including post offices, in nonfederally owned or operated buildings; land without activities generating wastes; lookout towers, ranger offices, and single living quarters in national forests and remote areas, and seldom-visited and/or unattended communications stations.

Source of Inventory Data

Following instructions of GSA Circular No. 232, personnel at the individual reporting installation supplied the identifying and technical data. These reports were submitted to their respective Washington, D. C. headquarters. Here they were reviewed for completeness and accuracy, then forwarded to the special technical staff of the Division of Water Supply and Pollution Control, Public Health Service, for further review for conformity to instructions and definitions. Any discrepancies or differences were resolved by mutual agreement at this point. Accepted reports were forwarded to the Bureau of the Census for processing for the present document.

How to Identify the Columnar Listings

1. "GSA Control." The numbers in Agency or Bureau and Installation columns are codes assigned by GSA for identifying purposes. The Report Number is the serial number assigned each report as received by the special staff. A number in this column opposite a total indicates the number of reports which are included in that total.

2. "Geographical Location" numbers are those assigned by GSA in its publication "Geographic Location Codes."

3. "Card Number" indicates the classification of the point of discharge according to the code sheet (page ix) immediately preceding the detailed listings.

4. "Activity" indicates whether the waste-generating activity is Federal (1), or nonfederal (2).

5. "Population" is a code number to indicate the population size group contributing the waste volume in a normal day's operation. For security reasons this information is deleted from all Department of Defense entries except in the Departmental classified volume.

6. Sewage volume is measured in gallons per day. However, in cases of pit privies and chemical toilets, where fecal wastes are not water-borne, the figure in this column relates to persons per day and is followed by the letter "P" in the column headed "Persons." These figures are summarized separately whenever totals appear.

7. "Percent Treated" under both sewage and industrial wastes relates to the percent of total volume of discharge which receives any treatment before discharge from the installation. It does not reflect the degree of any treatment, nor does it reflect the extent of any treatment after the discharge has been received by municipal sewerage systems.

Under industrial wastes the following processes were considered as treatment: tanks and equipment for neutralization of alkalinity or acidity; oil and grease separation and removal; precipitation of solids; removal of cyanides and chromates.

Chemical treatment of cooling water to control corrosion within piping systems and equipment was not considered to be industrial waste treatment. Cooling water is shown as a percent of the total industrial waste discharge volume.

8. "Industrial Wastes" volumes are given in gallons per day if water-borne. If there are solid wastes alone or in conjunction with water discharges, the letter "S" appears in the column headed "Solids." The types of industry generating these wastes are indicated by the numbers under "Industrial Activity Codes." These are interpreted on the code sheet.

9. "Notification," if any, relates to the type and most recent date prior to January 1, 1961, of a notification to the installation, issued by a representative of a governmental department, commission, bureau, board, or other legally constituted entity that a pollution problem exists in relation to that specific installation. An interpretation of the type code is given on the code sheet. The dates, if any apply, are given in the date columns.

Issuances of the Inventory

The reported data are issued in three types of listings and 58 volumes, as follows:

(1). Volumes 1-53 inclusive cover all reports for each of the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Listings are alphabetical by county and by city within each county. Where no city applies, the data are shown at the end of each county. No data on military installations appear in the volumes for Alaska, Hawaii, Puerto Rico and the Virgin Islands.

(2). Volumes 54-57 inclusive are agency listings covering, respectively:

U. S. Department of Agriculture - Volume 54

U. S. Department of Defense (classified confidential) - Volume 55

U. S. Departments of Commerce, Interior, Justice, Post Office, State, Treasury, and Health, Education and Welfare - Volume 56

Independent Agencies of the U. S. Government - Volume 57

These agency listings show the reports alphabetically by State and by city within each State. Where no city applies, the data are shown by county at the end of the State.

(3). Volume 58 contains Department of Defense (classified confidential) reports for Alaska, Hawaii, Puerto Rico, and the Virgin Islands. The listings in this volume are arranged in the same manner as in Volumes 1-53.

ACKNOWLEDGMENT

The Department of Health, Education, and Welfare and the General Services Administration gratefully acknowledge the fine cooperation extended by all departments and agencies in completing this report and, most particularly, that of the Bureau of the Census of the Department of Commerce. The Bureau of the Census processed the data furnished by all departments and agencies.

INVENTORY OF WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS KEY TO CODES

DESCRIPTION	
CARD NUMBER	DESIGNATION
0	Installation Name, location & control number.
1	Public utility sewer system receiving wastes.
2	Surface water body receiving wastes.
3	To ground via septic tanks & subsurface drainage fields; cesspools; privy vaults; chemical toilets; lagoons, stabilization ponds & filters w/out discharge to surface body of water; deep wells; & spray or irrigation of land of reporting entity, etc.
4	Transferred to other users for cooling purposes &/or irrigation of land not within the reporting entity.

ACTIVITY	
CODE NUMBER	DESIGNATION
1	Federal activity generates all or major portion of wastes.
2	Non-federal activity generates all or major portion of wastes.

POPULATION SIZE	
CODE NUMBER	Total number of persons in reporting area during a 24-hr. day of normal operations.
1	1 - 50
2	51 - 100
3	101 - 500
4	501 - 1000
5	1001 - 2500
6	2501 - 5000
7	5001 - 10,000
8	over 10,000

SEWAGE - PERSONS
The letter "P" entered in the "Sewage-Persons" column denotes that non-water-carried fecal wastes are being generated. The figure entered in the "Sewage-Volume-Gallons Per Day" column to the immediate left of the letter "P" indicates the number of people who are generating the solid wastes. There is no indication of the quantity of solid wastes being generated. When no "P" appears in the "Persons" column, the figure in the "Sewage-Volume-Gallons Per Day" column indicates the gallons per day of liquid sewage which is generated.

INDUSTRIAL WASTE - SOLIDS
The letter "S" entered in the "Industrial Wastes-Solids" column denotes that solid industrial wastes are being generated. There is no indication of the quantity of solid wastes being generated. When a figure appears in the "Industrial Waste-Volume-Gallons Per Day" column immediately to the left of an "S", the figure represents the gallons of liquid industrial wastes generated per day.

INDUSTRIAL ACTIVITY CODES	
CODE NUMBER	DESIGNATION
10	Metal mining
11	Anthracite, bituminous coal & lignite mining
13	Crude petroleum & natural gas extraction
14	Mining & quarrying of nonmetallic minerals, except fuels
18	Radioactive materials operations
20	Food & kindred products
22	Textile mill products
24	Lumber & wood products
26	Paper & allied products
28	Chemicals & allied products
29	Products of petroleum & coal
30	Rubber & rubber products
31	Leather & leather products
33	Primary metal industries
34	Fabricated metal products
39	Miscellaneous wastes including cooling water from mechanical equipment, run-off from vehicle & aircraft washing operations, spent solutions from engine cleaning & metal plating operations, boiler blow-down and condensate discharges from heating plants, overflow water from fish hatchery ponds, etc.

NOTIFICATION-TYPE	
CODE NUMBER	DESIGNATION
	Type of notification, if any, which has been received from an official source that existing waste water discharge practices may be responsible for creating a water pollution problem.
1	No notification received
2	Formal notice
3	Letter report
4	Verbal report

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION				DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY	CARD NO.				VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT CODLINE				TYPE	DATE MO.	DAY	YR.
							KANSAS																
							ALLEN CO																
							IOLA																
							AGRICULTURE																
							SOIL CONSERVATION SER																
1229	07453	09270	15	2700	001	0	WEATHER BUREAU BLDG	1	1														
						1	IOLA CITY SEWER			30		0								1			
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03017	14845	15	2700	001	0	POST OFFICE	1	1														
						1	IOLA CITY SEWER			86		0								1			
		2					4 COUNTY TOTAL			116													
							ATCHISON CO																
							ATCHISON																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03224	14816	15	0260	005	0	POST OFFICE	1	1														
						1	ATCHISON CITY SEWER			200		0								1			
							DEFENSE																
							ARMY																
2101	21138	17097	15	0260	005	0	ATCHISON ORD STOR FAC	1															
						2	MISSOURI RIVER			2,000		100								1			
		2					4 COUNTY TOTAL			2,200													
							BARTON CO																
							GREAT BEND																
							DEFENSE																
							ARMY																
2101	21727	17101	15	2150	009	0	USAR CENTER	1															
						1	GREAT BEND CITY SEWER			805		0								1			
							HOISINGTON																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03245	14840	15	2490	009	0	POST OFFICE	1	1														
						1	HOISINGTON CITY SEWER			75		0								1			
		2					4 COUNTY TOTAL			880													
							BOURBON CO																
							FORT SCOTT																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03210	14832	15	1830	011	0	POST OFF & COURTHOUSE	1	2														
						1	FT SCOTT CITY SEWER			310		0								1			
							DEFENSE																
							ARMY																
2101	20811	17099	15	1830	011	0	FT SCOTT NAT CEMETERY	1															
						3	GROUND			100		100								1			
		2					4 COUNTY TOTAL			410													
							BROWN CO																
							HIAWATHA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03244	14839	15	2450	013	0	POST OFFICE	1	1														
						1	HIAWATHA CITY SEWER			175		0								1			
							HORTON																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03020	14842	15	2560	013	0	POST OFFICE	1	1														
						1	HORTON CITY SEWER			100		0								1			
		2					4 COUNTY TOTAL			275													
							BUTLER CO																
							AUGUSTA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03225	14817	15	0310	015	0	POST OFFICE	1	1														
						1	AUGUSTA CITY SEWER			75		0								1			
							EL DORADO																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03207	14830	15	1540	015	0	POST OFFICE	1	1														
						1	EL DORADO CITY SEWER			320		0								1			

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MARCH 1960

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31,1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT COOLING				TYPE	DATE NO.	DAY	YR.
						0	GENERAL SERVICES ADMIN																
4706	13201	12297	15	1540	015	0	POST OFFICE	1	1											1			
						1	EL DORADO CITY SEWER			320		0											
		3					6 COUNTY TOTAL			715													
							CHAUTAUQUA CO																
							SEDAN																
							GENERAL SERVICES ADMIN																
4706	03397	12300	15	5000	019	0	FEDERAL BUILDING	1	1											1			
		1				1	SEDAN CITY SEWER			200		0											
							2 COUNTY TOTAL			200													
							CHEROKEE CO																
							BAXTER SPRINGS																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03226	20971	15	0390	021	0	POST OFFICE	1	1											1			
						1	BAXTER SPGS CITY SEWER			500		0											
							COLUMBUS																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03203	14826	15	1100	021	0	POST OFFICE	1	1											1			
						1	COLUMBUS CITY SEWER			200		0											
		2					4 COUNTY TOTAL			700													
							CLAY CO																
							CLAY CENTER																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03174	14824	15	0980	027	0	POST OFFICE	1	1											1			
						1	CLAY CENTER CITY SEWER			60		0											
		1					2 COUNTY TOTAL			60													
							CLOUD CO																
							CONCORDIA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03204	14827	15	1120	029	0	POST OFFICE	1	1											1			
						1	CONCORDIA CITY SEWER			405		0											
		1					2 COUNTY TOTAL			405													
							COFFEY CO																
							BURLINGTON																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03229	14820	15	0690	031	0	POST OFFICE	1	1											1			
						1	BURLINGTON CITY SEWER			4,600		0											
							PROP WITHOUT CITY IDENT																
							DEFENSE																
							CORPS OF ENG CIVIL																
9601	13520	20393	15	9999	031	0	CORPS ENG-J REDMOND RESV	1												1			
						3	GROUND			100		100											
						3	GROUND			100P		0											
		2					5 COUNTY TOTAL			4,700													
										100P													
							COWLEY CO																
							ARKANSAS CITY																
							DEFENSE																
							NAVY																
1701	84886	01513	15	0210	035	0	RES ELECTRONIC FACILITY	1												1			
						1	ARKANSAS CITY SEWER			300		0											
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03223	14815	15	0210	035	0	POST OFFICE	1	1											1			
						1	ARKANSAS CITY SEWER			1,100		0											
							WINFIELD																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03158	14877	15	5970	035	0	POST OFFICE	1	1											1			
						1	WINFIELD CITY SEWER			100		0											
		3					6 COUNTY TOTAL			1,500													

GSA FORM 7-82C
MARCH 1960

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DATE DAY	DATE YR.
							CRAWFORD CO															
							FARLINGTON															
							INTERIOR															
							FISH AND WILDLIFE SERV															
1413	09372	09776	15	1785	037	0	FARLINGTON NAT FISH HAT	1	1							39			1			
						2	DRYWOOD CREEK															
						3	GROUND			500	0	36,205		0	0							
							GIRARD															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03238	14834	15	2050	037	0	POST OFFICE	1	1													
						1	GIRARD CITY SEWER			100	0								1			
							PITTSBURG															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03111	14867	15	4460	037	0	POST OFFICE	1	2													
						1	PITTSBURG CITY SEWER			760	0								1			
		3					7 COUNTY TOTAL			1,360		36,205										
							DICKINSON CO															
							ABILENE															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03248	14813	15	0020	041	0	POST OFFICE	1	1													
						1	ABILENE CITY SEWER			200	0								1			
							HERINGTON															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03243	14838	15	2420	041	0	POST OFFICE	1	1													
						1	HERINGTON CITY SEWER			300	0								1			
		2					4 COUNTY TOTAL			500												
							DOUGLAS CO															
							LAWRENCE															
							INTERIOR															
							BUR OF INDIAN AFFAIRS															
1415	09017	12246	15	3010	045	0	HASKELL INSTITUTE	1	5													
						1	LAWRENCE CITY SEWER			21,000	0								1			
						2	WAKARUSA RIVER			64,000	100											
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03012	14850	15	3010	045	0	POST OFFICE	1	2													
						1	LAWRENCE CITY SEWER			437	0								1			
							DEFENSE															
							ARMY															
2101	20878	17109	15	3010	045	0	SUNFLOWER ORD WORKS	1								39			1			
						2	KILL CREEK			121,000	100											
						3	GROUND			1,000	100	5,000		100	0							
2101	21894	17108	15	3010	045	0	USAR CENTER	1														
						1	LAWRENCE CITY SEWER			794	0								1			
							HEALTH ED AND WELFARE															
							PUBLIC HEALTH SERVICE															
7513	11493	00570	15	3010	045	0	INDIAN SCHOOL-HEALTH CEN	1	1													
						1	LAWRENCE CITY SEWER			10,000	0								1			
		5					12 COUNTY TOTAL			218,231		5,000										
							ELLIS CO															
							HAYS															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03242	14837	15	2390	051	0	POST OFFICE	1	1													
						1	HAYS CITY SEWER			87	0								1			
		1					2 COUNTY TOTAL			87												
							FINNEY CO															
							GARDEN CITY															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03212	20972	15	1950	055	0	POST OFFICE	1	1													
						1	GARDEN CITY SEWER			176	0								1			
							FEDERAL AVIATION AGENCY															
6901	00000	12989	15	1950	055	0	MUN AIRPORT NAV FAC	1	1													
						1	GARDEN CITY AIRPT SEWER			350	0								1			
		2					4 COUNTY TOTAL			526												

GSA FORM 7-NEC
MARCH 1961

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DAY	YR.
							FORD CO																
							DODGE CITY																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03206	14829	15	1370	057	0	POST OFFICE	1	2											1			
						1	DODGE CITY SEWER			635		0											
							FEDERAL AVIATION AGENCY																
6901	43469	12987	15	1370	057	0	DODGE CITY AIR ADM BLDG	1	1											1			
						1	DODGE CITY AIRPORT SEW			200		0											
		2					4 COUNTY TOTAL			835													
							FRANKLIN CO																
							OTTAWA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03114	14864	15	4270	059	0	POST OFFICE	1	1											1			
						1	OTTAWA CITY SEWER			680		0											
		1					2 COUNTY TOTAL			680													
							GEARY CO																
							FORT RILEY																
							DEFENSE																
							ARMY																
2101	20756	17103	15	1826	061	0	FORT RILEY CUSTER HILL	1									39			1			
						2	REPUBLICAN RIVER						15,000		0	0							
						2	KANSAS RIVER			3,191,000		100											
2101	20756	17104	15	1826	061	0	FORT RILEY FORSYTH	1									39			1			
						2	REPUBLICAN RIVER			3,318,000		100	15,000		0	0							
2101	20756	17105	15	1826	061	0	FORT RILEY FUNSTON	1									39			1			
						2	KANSAS RIVER			4,204,000		100	60,000		0	0							
2101	20756	17106	15	1826	061	0	FORT RILEY PROPER	1												1			
						2	KANSAS RIVER			4,475,000		100											
						3	GROUND			300		100											
2101	20756	19292	15	1826	061	0	FORT RILEY MARSHALL FIELD	1									39			1			
						2	KANSAS RIVER						7,000		0	0							
2101	20756	19742	15	1826	061	0	FORT RILEY RANGE AREA	1												1			
						3	GROUND			750P		0											
							HEALTH ED AND WELFARE																
							OFFICE OF EDUCATION																
7509	11219	08274	15	1826	061	0	FORT RILEY MIL RES SCH	1	5											1			
						1	FORT RILEY ARMY SEWER			49,100		0											
							JUNCTION CITY																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03016	14848	15	2790	061	0	POST OFFICE	1	1											1			
						1	JUNCTION CITY SEWER			200		0											
		8					18 COUNTY TOTAL			15,237,600			97,000										
										750P													
							GRAHAM CO																
							HILL CITY																
							FEDERAL AVIATION AGENCY																
6901	00000	12991	15	2470	065	0	HUN AIRPORT NAV FAC	1	1											1			
						1	HILL CITY AIRPORT SEWER			225		0											
		1					2 COUNTY TOTAL			225													
							GREENWOOD CO																
							EUREKA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03209	14831	15	1740	073	0	POST OFFICE	1	1											1			
						1	EUREKA CITY SEWER			111		0											
							PROP WITHOUT CITY IDENT																
							DEFENSE																
							CORPS OF ENG CIVIL																
							FALL RIVER DAM RES																
9601	10008	20038	15	9999	073	0	DAMSITE AREA	1												1			
						3	GROUND			60P		0											
						3	GROUND			2,000		100											
9601	10008	20039	15	9999	073	0	WHITEHALL BAY AREA	2												1			
						3	GROUND			40P		0											
						3	GROUND			200		100											
9601	10008	20040	15	9999	073	0	SUNFLOWER HILL	2												1			
						3	GROUND			40P		0											
						3	GROUND			500		100											

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT COOLING		TYPE	DATE NO.	DATE DAY	DATE YR.
9601	10008	20041	15	9999	073	03	FREDONIA BAY AREA GROUND	2													
9601	10008	20042	15	9999	073	03	BOY SCOUTS QUIVIRA COUNC GROUND	2		60P		0						1			
		6					15 COUNTY TOTAL			20P 2,811		0						1			
							HARPER CO			220P											
							ANTHONY POST OFFICE														
1804	03222	14814	15	0180	077	01	BUREAU OF FACILITIES POST OFFICE	1	1												
		1					ANTHONY CITY SEWER 2 COUNTY TOTAL			60 60		0						1			
							HARVEY CO														
							HALSTEAD POST OFFICE														
1804	03241	14836	15	2250	079	01	BUREAU OF FACILITIES POST OFFICE	1	1												
							HALSTEAD CITY SEWER			75		0						1			
							NEWTON POST OFFICE														
1804	03118	14859	15	4000	079	01	BUREAU OF FACILITIES POST OFFICE	1	1												
		2					NEWTON CITY SEWER 4 COUNTY TOTAL			1,102 1,177		0						1			
							JACKSON CO														
							HOLTON POST OFFICE														
1804	03021	14841	15	2520	085	01	BUREAU OF FACILITIES POST OFFICE	1	1												
							HOLTON CITY SEWER HEALTH ED AND WELFARE			160		0						1			
7513	00000	00569	15	2520	085	01	PUBLIC HEALTH SERVICE INDIAN HEALTH STATION	1	1												
		2					HOLTON CITY SEWER 4 COUNTY TOTAL			100 260		0						1			
							JEWELL CO														
							PROP WITHOUT CITY IDENT INTERIOR														
1417	06969	10416	15	9999	089	03	BUR OF RECLAMATION LOVEWELL DAM RES	1	1												
		1					GROUND 2 COUNTY TOTAL			150 150		100						1			
							JOHNSON CO														
							DE SOTO DEFENSE														
2101	22330	19180	15	1340	091	03	ARMY MIDWEST RELAY RCVR STA GROUND	1		480		100						1			
							GARDNER DEFENSE														
2101	00000	20802	15	1970	091	01	ARMY NIKE KC DA HOUSING	1													
2101	22329	17100	15	1970	091	03	GARDNER CITY SEWER NIKE KANSAS CITY SITE 60 GROUND	1		2,600 5,360		0 100						1 1			
							OLATHE DEFENSE														
1701	22938	19714	15	4140	091	02 03	NAVY AIR STATION NILES CREEK GROUND	1		287,000 500		100 100	20,000	0	100	39		1			
1804	03385	14861	15	4140	091	01	POST OFFICE BUREAU OF FACILITIES POST OFFICE	1	1												
							OLATHE CITY SEWER DEFENSE			335		0						1			
2101	00000	19182	15	4140	091	01	ARMY KANSAS CITY BN HQ	1													
2101	00000	20803	15	4140	091	01	NAVAL AIR STATION SEWER NIKE KC DA HOUSING OLATHE CITY SEWER	1		10,000 5,200		0 0						1 1			

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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERIOD	PERCENT TREATED	VOLUME GALLONS PER DAY	PERIOD	PERCENT TREATED	PERCENT COOLING		TYPE	DATE NO.	DAY	YR.
							GENERAL SERVICES ADMIN														
4706	13128	12299	15	4140	091	0	POST OFFICE	1	1									1			
						1	OLATHE CITY SEWER			335		0									
							SPRING HILL														
							DEFENSE														
							ARMY														
2101	00000	20804	15	5200	091	0	NIKE KC DA HOUSING	1										1			
						3	GROUND			2,200		100									
		9					19 COUNTY TOTAL			314,010			20,000								
							KINGMAN CO														
							KINGMAN														
							POST OFFICE														
							BUREAU OF FACILITIES														
1804	03014	14848	15	2850	095	0	POST OFFICE	1	1									1			
						1	KINGMAN CITY SEWER			100		0									
		1					2 COUNTY TOTAL			100											
							LABETTE CO														
							OSWEGO														
							POST OFFICE														
							BUREAU OF FACILITIES														
1804	03115	14863	15	4250	099	0	POST OFFICE	1	1									1			
						1	OSWEGO CITY SEWER			100		0									
							PARSONS														
							DEFENSE														
							NAVY														
1701	24016	01510	15	4370	099	0	RES ELECTRONIC FACILITY	1										1			
						1	PARSONS MUNICIPAL SEWER			60		0									
							POST OFFICE														
							BUREAU OF FACILITIES														
1804	03112	14866	15	4370	099	0	POST OFFICE	1	1									1			
						1	PARSONS CITY SEWER			1,596		0									
							DEFENSE														
							ARMY														
2101	20467	17112	15	4370	099	0	KANSAS ORD PLANT	1										1			
						2	LABETTE CREEK			203,000		100									
		4					8 COUNTY TOTAL			204,756											
							LEAVENWORTH CO														
							FORT LEAVENWORTH														
							DEFENSE														
							ARMY														
2101	20499	17110	15	1823	103	0	FORT LEAVENWORTH	1										1			
						2	MISSOURI RIVER			1,619,100		0									
						3	GROUND			7,000		0									
2101	21599	17098	15	1823	103	0	FT LEAVENWORTH NAT CEM	1										1			
						1	FT LEAVENWORTH SEWER			1,150		0									
							LEAVENWORTH														
							JUSTICE														
							FED PRISON IND INC														
1505	05982	08178	15	3020	103	0	FED PRISON INDUSTRIES	1	4									1			
						1	U S PENITENTIARY SEWER			13,380		0									
							BUREAU OF PRISONS														
1509	09120	00228	15	3020	103	0	U S PENITENTIARY	1	5									1			
						1	LEAVENWORTH CITY SEWER			566,000		0									
							DEFENSE														
							ARMY														
2101	00000	19181	15	3020	103	0	MIDWEST REL MICROWAVE STA	1										1			
						3	GROUND			560		100									
							GENERAL SERVICES ADMIN														
4706	12427	20328	15	3020	103	0	FEDERAL BUILDING	1	2									1			
						1	LEAVENWORTH CITY SEWER			743		0									
						3	GROUND			10		0									
							WADSWORTH														
							VETERANS ADMINISTRATION														
3601	10347	00053	15	5585	103	0	V A CENTER	1	6									1			
						1	LEAVENWORTH CITY SEWER			133,000		0									
						3	GROUND			100		100									
		7					17 COUNTY TOTAL			2,341,043											
							LYON CO														
							EMPORIA														
							DEFENSE														
							NAVY														
1701	24081	01502	15	1660	111	0	RES ELECTRONIC FACILITY	1										1			
						1	EMPORIA CITY SEWER			25		0									

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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT COOLING		TYPE	DATE NO.	DAY	YR.
4706	13196	12298	15	1660	111	0	GENERAL SERVICES ADMIN													
						0	FEDERAL BUILDING	1	2											
						1	EMPORIA CITY SEWER			2,000	0	600		0	100		1			
							FEDERAL AVIATION AGENCY													
6901	00000	12988	15	1660	111	0	MUN AIRPORT NAV FAC	1	1											
						1	EMPORIA AIRPORT SEWER			300	0						1			
		3					6 COUNTY TOTAL			2,325		600								
							MCPHERSON CO													
							LINDSBORG													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03009	14852	15	3210	113	0	POST OFFICE	1	1											
						1	LINDSBORG CITY SEWER			50	0						1			
							MCPHERSON													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03007	14854	15	3430	113	0	POST OFFICE	1	1											
						1	MCPHERSON CITY SEWER			1,500	0						1			
							MARQUETTE													
							DEFENSE													
							CORPS OF ENG CIVIL													
							KANOPOLIS RESERVOIR													
9601	09704	17360	15	3550	113	0	KANOPOLIS RESERVOIR ADMN	1												
						3	GROUND			1,200	100						1			
9601	09704	17361	15	3550	113	0	KANOPOLIS RESERVOIR	1												
						3	GROUND			800	100						1			
						3	GROUND			250P	0									
9601	09704	20386	15	3550	113	0	LANGLEY POINT	1												
						3	GROUND			100P	0						1			
9601	09704	20387	15	3550	113	0	SPILLWAY BAY	1												
						3	GROUND			50P	0						1			
9601	09704	20388	15	3550	113	0	OUTLET AREA	1												
						3	GROUND			500	100						1			
9601	09704	20389	15	3550	113	0	EAST SHORE	1												
						3	GROUND			800	100						1			
						3	GROUND			100P	0									
9601	09704	20390	15	3550	113	0	VENANGO & PRIVATE CABINS	1												
						3	GROUND			600	100						1			
						3	GROUND			60P	0									
9601	09704	20391	15	3550	113	0	YANKEE RUN-PRIV CABINS	1												
						3	GROUND			1,000	100						1			
						3	GROUND			50P	0									
9601	09704	20392	15	3550	113	0	ADMIN-TOWNSITE AREA	1												
						3	GROUND			700	100						1			
		11					26 COUNTY TOTAL			7,150										
										610P										
							MARION CO													
							MARION													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03005	14856	15	3540	115	0	POST OFFICE	1	1											
						1	MARION CITY SEWER			250	0						1			
		1					2 COUNTY TOTAL			250										
							MARSHALL CO													
							MARYSVILLE													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03004	14857	15	3560	117	0	POST OFFICE	1	1											
						1	MARYSVILLE CITY SEWER			130	0						1			
		1					2 COUNTY TOTAL			130										
							MIAMI CO													
							PAOLA													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03113	14865	15	4320	121	0	POST OFFICE	1	1											
						1	PAOLA CITY SEWER			63	0						1			
		1					2 COUNTY TOTAL			63										
							MITCHELL CO													
							BELOIT													
							POST OFFICE													
							BUREAU OF FACILITIES													
1804	03228	14819	15	0440	123	0	POST OFFICE	1	1											
						1	BELOIT CITY SEWER			160	0						1			
		1					2 COUNTY TOTAL			160										

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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SITE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION	
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERCENT TREATED	VOLUME GALLONS PER DAY	PERCENT SOLIDS	PERCENT TREATED	PERCENT COOLING		TYPE	DATE MO. DAY YR.
							MONTGOMERY CO											
							CHERRYVALE											
							POST OFFICE											
1804	03231	14823	15	0930	125	01	BUREAU OF FACILITIES											
							POST OFFICE											
							CHERRYVALE CITY SEWER	1	1	64	0					1		
							COFFEYVILLE											
							POST OFFICE											
1804	03173	14825	15	1050	125	01	BUREAU OF FACILITIES											
							FEDERAL BUILDING											
							COFFEYVILLE CITY SEWER	1	1	154	0					1		
							INDEPENDENCE											
							DEFENSE											
1701	84207	01505	15	2670	125	01	NAVY											
							RES ELECTRONIC FACILITY											
							INDEPENDENCE CITY SEWER	1										
							POST OFFICE			100	0					1		
1804	03018	14844	15	2670	125	01	BUREAU OF FACILITIES											
							POST OFFICE											
							INDEPENDENCE CITY SEWER	1	2									
							DEFENSE			250	0					1		
2101	22037	17102	15	2670	125	01	ARMY											
							USAR CENTER											
							INDEPENDENCE CITY SEW	1										
		5					10 COUNTY TOTAL			348	0					1		
										916								
							MORRIS CO											
							COUNCIL GROVE											
							POST OFFICE											
1804	03205	14828	15	1180	127	01	BUREAU OF FACILITIES											
							POST OFFICE											
							COUNCIL GROVE CITY SEWER	1	1									
										150	0					1		
							PROP WITHOUT CITY IDENT											
							DEFENSE											
9601	13658	20256	15	9999	127	03	CORPS OF ENG CIVIL											
							COUNCIL GROVE RESERVOIR											
							GROUND	1										
		2					4 COUNTY TOTAL			50P	0					1		
										150								
							MORTON CO			50P								
							ELKHART											
							AGRICULTURE											
							FOREST SERVICE											
1226	07539	03999	15	1580	129	03	ELKHART FOREST SER OFF											
							GROUND	1	1									
										45	100					1		
							PROP WITHOUT CITY IDENT											
							AGRICULTURE											
1226	07539	03998	15	9999	129	03	FOREST SERVICE											
							CIMARRON RIV PICNIC GND											
		2					GROUND	1	1									
							4 COUNTY TOTAL			20P	0					1		
										45								
							NEMAHA CO			20P								
							SABETHA											
							POST OFFICE											
1804	03026	14870	15	4840	131	01	BUREAU OF FACILITIES											
							POST OFFICE											
							SABETHA CITY SEWER	1	1									
										100	0					1		
							SENECA											
							POST OFFICE											
1804	03596	14872	15	5030	131	01	BUREAU OF FACILITIES											
							POST OFFICE											
							SENECA CITY SEWER	1	1									
		2					4 COUNTY TOTAL			285	0					1		
										385								
							NEOSHO CO											
							CHANUTE											
							POST OFFICE											
1804	03232	14822	15	0870	133	01	BUREAU OF FACILITIES											
							POST OFFICE											
							CHANUTE CITY SEWER	1	1									
										200	0					1		

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GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE		INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DAY	YR.
							FEDERAL AVIATION AGENCY															
6901	11922	12986	15	0870	133	0	MUN AIRPORT NAV FAC	1	1										1			
						1	CHANUTE AIRPORT SEWER			225	0											
		2					4 COUNTY TOTAL			425												
							NORTON CO															
							NORTON															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03117	14860	15	4050	137	0	POST OFFICE	1	1										1			
						1	NORTON CITY SEWER			80	0											
		1					2 COUNTY TOTAL			80												
							OSAGE CO															
							OSAGE CITY															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03116	14862	15	4210	139	0	POST OFFICE	1	1										1			
						1	OSAGE CITY SEWER			1,500	0											
							PROP WITHOUT CITY IDENT															
							DEFENSE															
							CORP OF ENG CIVIL															
9601	13524	17363	15	9999	139	0	POMONA RESERVOIR ADMN	1											1			
						3	GROUND			500	100											
						3	GROUND			90P	0											
		2					5 COUNTY TOTAL			2,000												
										90P												
							PAWNEE CO															
							LARNED															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03013	14849	15	2980	145	0	POST OFFICE	1	1										1			
						1	LARNED CITY SEWER			170	0											
		1					2 COUNTY TOTAL			170												
							PHILLIPS CO															
							KIRWIN															
							INTERIOR															
							FISH AND WILDLIFE SERV															
							KIRWIN W L MGMT AREA															
1413	11323	09777	15	2880	147	0	HEADQUARTERS AREA	1	1										1			
						3	GROUND			200	0											
1413	11323	09778	15	2880	147	0	GLENN CONCESSION AREA	2	2										1			
						3	GROUND			100P	0											
1413	11323	09779	15	2880	147	0	CRAPPIE POINT	1	1										1			
						3	GROUND			25P	0											
1413	11323	09780	15	2880	147	0	GRAYS PARK	1	1										1			
						3	GROUND			25P	0											
1413	11323	09781	15	2880	147	0	ROCKY FLATS-KNOB HILL	1	1										1			
						3	GROUND			15P	0											
							BUR OF RECLAMATION															
1417	06969	10415	15	2880	147	0	KIRWIN DAM RES & SHOP	1	1										1			
						3	GROUND			100	100											
		6					12 COUNTY TOTAL			300												
										165P												
							PRATT CO															
							PRATT															
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03110	14868	15	4550	151	0	POST OFFICE	1	1										1			
						1	PRATT CITY SEWER			600	0											
		1					2 COUNTY TOTAL			600												
							RENO CO															
							HUTCHINSON															
							DEFENSE															
							NAVY															
1701	23009	01345	15	2660	155	0	RESERVE TRAINING CENTER	1											1			
						1	HUTCHINSON CITY SEWER			471	0											
							POST OFFICE															
							BUREAU OF FACILITIES															
1804	03019	14843	15	2660	155	0	POST OFFICE	1	3										1			
						1	HUTCHINSON CITY SEWER			9,300	0											
							DEFENSE															
							AIR FORCE															
5701	24244	09044	15	2660	155	0	HUTCHINSON AF STATION	1											1			
						1	KANSAS ANG STA SEWER			20,000	0											

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WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SERV.	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES	NOTIFICATION	
										VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOLIDS	PERCENT TREATED	PERCENT COOLING		TYPE	DATE
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY														
							FEDERAL AVIATION AGENCY											1	
6901	43470	12992	15	2660	155	0	HUTCHINSON AIR AD BLDG	1	1	450		0							
						1	HUTCHINSON AIRPT SEWER			30,221									
		4					8 COUNTY TOTAL												
							REPUBLIC CO												
							BELLEVILLE												
							POST OFFICE												
							BUREAU OF FACILITIES											1	
1804	03227	14818	15	0430	157	0	POST OFFICE	1	1	230		0							
						1	BELLEVILLE CITY SEWER												
							COURTLAND												
							INTERIOR												
							BUR OF RECLAMATION											1	
1417	06969	10413	15	1190	157	0	BOSWICK IRRIG DIST OFF	2	1	100		0							
						1	COURTLAND CITY SEWER			330									
		2					4 COUNTY TOTAL												
							RICE CO												
							LYONS												
							POST OFFICE												
							BUREAU OF FACILITIES											1	
1804	03008	14853	15	3370	159	0	POST OFFICE	1	1	240		0							
						1	LYONS CITY SEWER			240									
		1					2 COUNTY TOTAL												
							RILEY CO												
							MANHATTAN												
							AGRICULTURE												
							AGR MARKETING SERVICE											1	
1211	33804	09247	15	3490	161	0	MARKETING QUAL RES LAB	1	1	225		0							
						1	MANHATTAN CITY SEWER												
							SOIL CONSERVATION SER											1	
1229	07454	09271	15	3490	161	0	SOIL CONSER SER NURSERY	1	1	500		100							
						3	GROUND												
							POST OFFICE											1	
							BUREAU OF FACILITIES												
1804	03006	14855	15	3490	161	0	POST OFFICE	1	2	900		0							
						1	MANHATTAN CITY SEWER												
							DEFENSE											1	
							ARMY												
2101	80557	17111	15	3490	161	0	USAR CENTER	1		198		0							
						1	MANHATTAN CITY SEWER												
							FEDERAL AVIATION AGENCY											1	
6901	00000	12994	15	3490	161	0	MUN AIRPORT NAV FAC	1	1	175		0							
						1	MANHATTAN AIRPORT SEWER												
							DEFENSE												
							CORPS OF ENG CIVIL												
							TUTTLE CREEK DAM											1	
9601	09705	17358	15	3490	161	0	TUTTLE CREEK RESERVOIR	1		45P		0						1	
						3	GROUND												
9601	09705	17359	15	3490	161	0	TUTTLE CREEK RESVR ADMN	1		750		100							
						3	GROUND			15P		0						1	
						3	GROUND												
9601	09705	20376	15	3490	161	0	LEVEE-BLUE RAPIDS	1		35P		0						1	
						3	GROUND												
9601	09705	20377	15	3490	161	0	OAK CANYON	1		160		100						1	
						3	GROUND												
9601	09705	20378	15	3490	161	0	VERMILLION RIVER	1		40P		0						1	
						3	GROUND												
9601	09705	20379	15	3490	161	0	CARNAHAN CREEK	1		60P		0						1	
						3	GROUND												
9601	09705	20380	15	3490	161	0	MILL CREEK	1		12P		0						1	
						3	GROUND												
9601	09705	20381	15	3490	161	0	SWIMMING BEACH	1		1,200		100						1	
						3	GROUND												
9601	09705	20382	15	3490	161	0	LEFT BANK	1		40		100						1	
						3	GROUND												
9601	09705	20383	15	3490	161	0	RIGHT BANK	1		400		100						1	
						3	GROUND												
9601	09705	20384	15	3490	161	0	SPILLWAY PARK	1		60P		0						1	
						3	GROUND												
9601	09705	20385	15	3490	161	0	ADMIN-OVERLOOK AREAS	1		750		100							
						3	GROUND			45P		0							
						3	GROUND			5,290									
		17					36 COUNTY TOTAL			312P									

GSA FORM 7NBC
MARCH 1961

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DATE DAY	DATE YR.
							ROOKS CO																
							PROP WITHOUT CITY IDENT																
							INTERIOR																
							BUR OF RECLAMATION																
1417	06969	10417	15	9999	163	0	WEBSTER DAM RES	1	1											1			
						3	GROUND																
		1					2 COUNTY TOTAL			200	100												
										200													
							RUSH CO																
							OTIS																
							INTERIOR																
							BUREAU OF MINES																
1404	06793	09326	15	4260	165	0	OTIS HELIUM PLANT	1	3											1			
						3	GROUND																
		1					2 COUNTY TOTAL			15,800	100		41,100		0	100	13						
										15,800			41,100										
							RUSSELL CO																
							RUSSELL																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03109	14869	15	4820	167	0	POST OFFICE	1	1											1			
						1	RUSSELL CITY SEWER			400	0												
							FEDERAL AVIATION AGENCY																
6901	00000	12995	15	4820	167	0	MUN AIRPORT NAV FAC	1	1														
						1	RUSSELL AIRPORT SEWER			225	0									1			
							DEFENSE																
							CORPS OF ENG CIVIL																
9601	00000	17362	15	4820	167	0	WILSON RESERVOIR	1															
						3	GROUND																
		3					6 COUNTY TOTAL			10P	0									1			
										625													
							SALINE CO			10P													
							SALINA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03296	14871	15	4900	169	0	POST OFFICE	1	3														
						1	SALINA CITY SEWER			1,965	0									1			
							DEFENSE																
							ARMY																
2101	21726	17113	15	4900	169	0	USAR CENTER	1															
						1	SALINA CITY SEWER			232	0									1			
							DEFENSE																
							AIR FORCE																
5701	24515	08949	15	4900	169	0	SCHILLING AF BASE	1															
						2	DRY CREEK																
5701	24518	11348	15	4900	169	0	SMOKY HILL AF RNG OQ	1		586,820	100		128,460		0	98	39			1			
						3	GROUND			450	100									1			
5701	24519	11349	15	4900	169	0	SMOKY HILL AF RNG BOMB	1															
						3	GROUND			75	100									1			
							FEDERAL AVIATION AGENCY																
6901	00000	12996	15	4900	169	0	MUN AIRPORT NAV FAC	1	1														
						1	SALINA AIRPORT SEWER			300	0									1			
							HEALTH ED AND WELFARE																
							OFFICE OF EDUCATION																
7509	00000	08275	15	4900	169	0	SCHILLING A F BASE SCH	1	3														
						1	SCHILLING A F BASE SEWER			6,885	0									1			
		7					14 COUNTY TOTAL			596,727			128,460										
							SEDGWICK CO																
							WICHITA																
							DEFENSE																
							NAVY																
1701	24279	01579	15	5880	173	0	RESERVE TRAINING CTR	1															
						1	WICHITA CITY SEWER			200	0									1			
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	01003	14876	15	5880	173	0	VEHICLE MAINT FACILITY	1	1														
						1	WICHITA CITY SEWER			343	0									1			
							DEFENSE																
							ARMY																
2101	20962	17115	15	5880	173	0	USAR CENTER	1															
						1	WICHITA CITY SEWER			1,466	0									1			
						4	TRANSFED TO OTHER USERS			1,200	0												
							VETERANS ADMINISTRATION																
3601	10352	00054	15	5880	173	0	V A CENTER	1	3														
						1	WICHITA CITY SEWER			50,000	0									1			

GSA FORM 749C
MARCH 1961

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DATE DAY	DATE YR.
4706	00000	12302	15	5880	173	0	GENERAL SERVICES ADMIN																
						1	INTERNAL REVENUE BLDG	1	3														
4706	03157	20329	15	5880	173	1	WICHITA CITY SEWER																
						0	POST OFF & COURTHOUSE	1	4	3,222		0								1			
						1	WICHITA CITY SEWER																
							DEFENSE			5,836		0								1			
							AIR FORCE																
5701	24140	08939	15	5880	173	0	MCCONNELL AF BASE	1															
						1	WICHITA CITY SEWER																
						2	BIG ARKANSAS RIVER			220,000		0					39			1			
						3	GROUND						25,000		0	0							
5701	24609	10106	15	5880	173	0	AIR FORCE PLANT #13	2		250		100											
						1	WICHITA CITY SEWER			350,000		0					34			1			
						2	ARKANSAS RIVER						400,000		100	5							
						2	ARKANSAS RIVER						1,500		100	0							
6901	43475	12998	15	5880	173	0	FEDERAL AVIATION AGENCY																
						1	WICHITA AIRPORT TR BLDG	1	1														
		9					WICHITA MUN AIRPT SEWER			975		0								1			
							23 COUNTY TOTAL			633,492			426,500										
							SEWARD CO																
							LIBERAL																
							POST OFFICE																
1804	03010	14851	15	3160	175	0	BUREAU OF FACILITIES																
						1	POST OFFICE	1	1														
		1					LIBERAL CITY SEWER			211		0								1			
							2 COUNTY TOTAL			211													
							SHAWNEE CO																
							FORBES AFB																
							DEFENSE																
							AIR FORCE																
5701	24043	09003	15	1805	177	0	FORBES AF BASE																
						2	SHUNGANUNGA CREEK	1		760,000		100								1			
							TOPEKA																
							DEFENSE																
							NAVY																
1701	24278	01577	15	5400	177	0	RESERVE TRAINING CENTER																
						1	TOPEKA CITY SEWER	1															
							POST OFFICE			250		0								1			
1804	00465	14873	15	5400	177	0	BUREAU OF FACILITIES																
						1	POST OFFICE GARAGE	1	1														
1804	03138	14874	15	5400	177	0	TOPEKA CITY SEWER																
						1	NORTH TOPEKA STATION	1	1	500		0								1			
							TOPEKA CITY SEWER			150		0								1			
							DEFENSE																
2101	20895	17114	15	5400	177	0	ARMY																
						1	USAR CENTER	1															
							TOPEKA CITY SEWER			527		0								1			
3601	10722	00052	15	5400	177	0	VETERANS ADMINISTRATION																
						1	V A HOSPITAL	1	6														
							TOPEKA CITY SEWER			204,000		0								1			
4706	03137	12301	15	5400	177	0	GENERAL SERVICES ADMIN																
						1	POST OFF & COURTHOUSE	1	3														
							TOPEKA CITY SEWER			7,500		0								1			
6901	12874	12997	15	5400	177	0	FEDERAL AVIATION AGENCY																
						1	PHILLIP BILLARD AIRPT TWR	1	1														
		8					PHIL BILLARD AIRPT SEW			500		0								1			
							16 COUNTY TOTAL			973,427													
							SHERMAN CO																
							GOODLAND																
							POST OFFICE																
1804	03239	14835	15	2110	181	0	BUREAU OF FACILITIES																
						1	POST OFFICE	1	1														
							GOODLAND CITY SEWER			150		0								1			
6901	00000	12990	15	2110	181	0	FEDERAL AVIATION AGENCY																
						1	MUN AIRPORT NAV FAC	1	1														
		2					GOODLAND AIRPORT SEWER			275		0								1			
							4 COUNTY TOTAL			425													
							SMITH CO																
							GAYLORD																
							INTERIOR																
1417	06969	10414	15	2010	183	0	BUR OF RECLAMATION																
						1	KIRWIN WEBSTER OFF SHOP	2	1														
		1					GAYLORD CITY SEWER			150		0								1			
							2 COUNTY TOTAL			150													

GSA FORM 7480C
MARCH 1961

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE				INDUSTRIAL ACTIVITY CODES			NOTIFICATION			
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERIOD	PERCENT TREATED	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED	PERCENT COOLING				TYPE	DATE MO.	DATE DAY	DATE YR.
							STAFFORD CO																
							PROP WITHOUT CITY IDENT																
							INTERIOR																
							FISH AND WILDLIFE SERV																
1413	11329	09783	15	9999	185	0	QUIVIRA NAT WILDL REFUGE	1	1											1			
						3	GROUND			200		100											
		1					2 COUNTY TOTAL			200													
							SUMNER CO																
							CALDWELL																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03230	14821	15	0760	191	0	POST OFFICE	1	1											1			
						1	CALDWELL CITY SEWER			344		0											
							WELLINGTON																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03139	14875	15	5730	191	0	POST OFFICE	1	1											1			
						1	WELLINGTON CITY SEWER			150		0											
		2					4 COUNTY TOTAL			494													
							TREGO CO																
							PROP WITHOUT CITY IDENT																
							INTERIOR																
							FISH AND WILDLIFE SERV																
1413	13163	09782	15	9999	195	0	CEDAR BLUFF N FISH HAT	1	1											1			
						2	SMOKEY HILL RIVER						2,500,000		0	0	39						
						3	GROUND			500		0											
							BUR OF RECLAMATION																
1417	06969	10418	15	9999	195	0	CEDAR BLUFF DAM RES	1	1											1			
						3	GROUND			100		100											
		2					5 COUNTY TOTAL			600			2,500,000										
							WILSON CO																
							FREDONIA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03211	14833	15	1870	205	0	POST OFFICE	1	1											1			
						1	FREDONIA CITY SEWER			266		0											
							NEODESHA																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	03003	14858	15	3930	205	0	POST OFFICE	1	1											1			
						1	NEODESHA CITY SEWER			100		0											
		2					4 COUNTY TOTAL			366													
							WOODSON CO																
							PROP WITHOUT CITY IDENT																
							DEFENSE																
							CORPS OF ENG CIVIL																
							TORONTO DAM & RESERVOIR																
9601	10678	20043	15	9999	207	0	WOODSON COVE AREA	2															
						3	GROUND			60P		0								1			
9601	10678	20044	15	9999	207	0	TORONTO POINT	2															
						3	GROUND			80P		0								1			
9601	10678	20045	15	9999	207	0	DAMSITE AREA	1															
						3	GROUND			40P		0								1			
						3	GROUND			600		100											
9601	10678	20046	15	9999	207	0	HOLIDAY HILL AREA	2															
						3	GROUND			50P		0								1			
		4					9 COUNTY TOTAL			600													
										230P													
							WYANDOTTE CO																
							KANSAS CITY																
							POST OFFICE																
							BUREAU OF FACILITIES																
1804	00889	14847	15	2820	209	0	POST OFFICE & GARAGE FAC	1	3											1			
						1	KANSAS CITY SEWER			12,240		0											
							DEFENSE																
							ARMY																
2101	20464	17107	15	2820	209	0	USAR CENTER	1												1			
						1	KANSAS CITY SEWER			433		0											
							GENERAL SERVICES ADMIN																
4706	03421	20327	15	2820	209	0	FEDERAL BUILDING	1	3											1			
						1	KANSAS CITY SEWER			1,400		0											

GSA FORM 745C
MARCH 1961

WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS -- DECEMBER 31, 1960

GSA CONTROL			GEOGRAPHIC LOCATION			CARD NO.	DESCRIPTION	ACTIVITY	POP. SIZE	SEWAGE			INDUSTRIAL WASTE			INDUSTRIAL ACTIVITY CODES	NOTIFICATION		
AGENCY OR BUREAU	INSTALLATION	REPORT NUMBER	STATE	CITY	COUNTY					VOLUME GALLONS PER DAY	PERSONS	PERCENT TREATED	VOLUME GALLONS PER DAY	SOURCE	PERCENT TREATED / COOLING		TYPE	DATE NO.	DAY / YR.
4706	41498	20326	15	2820	209	0	COMMUNICABLE DISEASE CTR	1	1										
						1	KANSAS CITY SEWER			900		0					1		
6901	43471	12993	15	2820	209	0	FEDERAL AVIATION AGENCY FAIRFAX AIRPORT ADM BLDG	1	1										
						1	FAIRFAX AIRPORT SEWER			150		0					1		
		5					10 COUNTY TOTAL			15,123									
		196					419 STATE TOTAL			20,626,250			3,254,865						
										2,557P									

GSA FORM 7480C
MARCH 1961

APPENDIX

GENERAL SERVICES ADMINISTRATION
WASHINGTON 25, D. C.

March 14, 1961

GENERAL SERVICES ADMINISTRATION CIRCULAR NO. 232

TO : Heads of Federal Agencies

SUBJECT: Reports on Waste Water Disposal Practices at Federal Installations

1. Purpose. This circular prescribes (a) reports necessary for the compilation of an inventory of waste water disposal practices at Federal installations, both owned by and leased to the United States, as of December 31, 1960; and (b) forms with detailed instructions for the preparation and submission of these inventory reports to the General Services Administration by the reporting agencies.

2. Authority. The authority of the Surgeon General of the U. S. Public Health Service to prescribe an inventory of waste water disposal practices at Federal installations is based upon sections 4c and 9 of the Federal Water Pollution Control Act (33 U.S.C. 466 c and h).

The President in a memorandum dated May 13, 1960, requested the Secretary of Health, Education, and Welfare "to take the lead in making an inventory of the pollution control situation at Federal installations." The Deputy Assistant to the President in a letter dated May 18, 1960, to the Heads of all Federal agencies advised them of the President's instructions to the Secretary of Health, Education, and Welfare and stated that, "the President has asked that you provide such assistance as may be requested by the Secretary of Health, Education, and Welfare in making this inventory and in completing it promptly."

The Secretary of Health, Education, and Welfare in a memorandum of agreement dated January 4, 1961, requested that the General Services Administration assist the Public Health Service in compiling an inventory of waste water disposal practices at Federal installations.

3. Reporting Agency. A reporting agency, for the purpose of this inventory, is the same as the one reporting for the inventories of real property owned by and/or leased to the United States Government as prescribed in GSA Reg. 2-XI-201.01 and 2-XI-202.01.

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4. Coverage. The reports of waste water disposal practices prescribed by this circular shall cover all waste water generated by activities of the United States, from all real property owned by and leased to the Federal Government, including wholly owned Government corporations, in the fifty States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Reports shall also cover waste water from (1) nonfederal activities conducted in Federal buildings or structures and (2) activities on Federal land carried on by a nonfederal operator acting as an agent for and under the supervision of the United States, such as construction contractors and park concessionaires. For purposes of this circular, waste water disposal is defined to include (a) all discharges from building plumbing systems, (b) all fecal discharges whether or not water carried, (c) all liquid wastes from active or abandoned industrial activities, including cooling waters, and (d) all solid wastes from active or abandoned industrial activities which are discharged directly into, or which may find their way into, surface or ground waters.

Reports are required for all real property owned by and leased to the United States except:

a. Installations held in trust by the United States,

b. All building locations leased to the United States for use as offices or post offices, as reportable on GSA Form 1166A,

c. Installations consisting only of land where there are no reportable activities generating wastes as defined in the preceding paragraph,

d. Lookout towers, ranger offices and single quarters in National Forests and other remote areas, and

e. Installations from which no wastes as defined in this circular are generated, such as seldom-visited, unattended installations consisting of automatic signalling, lighting, gauging or warning devices.

5. Reports to be Submitted. Each reporting agency shall prepare, in accordance with instructions in Attachment 1a, and submit to the General Services Administration, a separate report on GSA Form 1166C, Report of Waste Water Disposal Practices at Federal Installations (Attachment 1) for each reporting entity as defined in Attachment 1a, Paragraph 1, as of December 31, 1960.

Each reporting agency shall also prepare, in accordance with instructions in Attachment 2a, and submit to General Services Administration for each Bureau or comparable organizational unit, a report on GSA Form 1209C, Number of Reports Submitted - Waste Water Disposal Practices at Federal Installations (Attachment 2).

An original and two copies of each report shall be submitted to the General Services Administration, Office of Comptroller, Washington 25, D. C., not later than 120 days subsequent to date of issuance of this circular.

6. Supplies of Forms. GSA Forms 1166C and 1209C may be obtained from General Services Administration, Office of Regional Administrative Assistant, Reproduction and Distribution Division, General Services Regional Office Building, Washington 25, D. C. The telephone number is Government dial code 13, extension 36453.

7. Agency Liaison. The Agency Liaison representative on real property inventories, designated pursuant to GSA Regulation 2-XI-101.06, also shall serve for purposes of this inventory. If desired, a special agency representative may be designated for purposes of this inventory of waste water disposal practices at Federal installations. When an agency designates a special representative for this inventory, it shall be his responsibility to coordinate all reports with the regular real property liaison representative. The General Services Administration, Office of Comptroller, Washington 25, D. C., shall be advised in writing of the names of all such special liaison representatives or any changes in such designation.

8. Inquiries. For additional information regarding the content of this circular, or any questions or problems relating thereto, agency representatives may communicate with the General Services Administration, Office of Comptroller, Washington 25, D. C., telephone: Government dial code 183, extension 4131.

John L. Moore

JOHN L. MOORE
Administrator

Attachments

GENERAL SERVICES ADMINISTRATION

REPORT OF WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

FORM APPROVED BUDGET BUREAU NO- 29-6102

1. AGENCY CONTROL NO.

2. REPORT AS OF December 31, 1960

3. GSA CONTROL NO.

4. THIS BLOCK FOR GSA USE

5. NAME OF INSTALLATION*

6. ACTIVITY *(Check one)*
☐ (1) FEDERAL ACTIVITY ☐ (2) NONFEDERAL ACTIVITY

7. REPORTING AGENCY

8. INSTALLATION POPULATION *(Check one)*
☐ (1) 1- 50 ☐ (5) 1001-2500
☐ (2) 51-100 ☐ (6) 2501-5000
☐ (3) 101-500 ☐ (7) 5001-10,000
☐ (4) 501-1000 ☐ (8) MORE THAN 10,000

9. BUREAU OR OTHER MAJOR ORGANIZATION

LOCATION OF INSTALLATION

10. STATE OR CONT. | 11. CITY OR TOWN

12. STREET ADDRESS, RFD, ROUTE NO., OR OTHER LOCAL DESIGNATION

13. COUNTY OR COUNTRY

14. GEOGRAPHICAL CODE	STATE OR CONT.	CITY OR TOWN	COUNTY OR COUNTRY

WASTE WATER DISCHARGE

CODE	15. POINT OF DISCHARGE	SEWAGE: 16. EST. DISCHARGE/DAY (gallons)	SEWAGE: 17. PERCENT TREATED	INDUSTRIAL WASTE: 18. EST. DISCHARGE/DAY (gallons)	INDUSTRIAL WASTE: 19. PERCENT TREATED	INDUSTRIAL WASTE: 20. PERCENT COOLING
1.	PUBLIC UTILITY SEWER (Name of Owner and/or Operator)*					
2.	SURFACE WATER BODY (Name of Body)*					
3.	GROUND					
4.	TRANSFERRED TO OTHER USERS					
	TOTAL					

21. ACTIVITIES GENERATING INDUSTRIAL WASTE *(Check as appropriate)*

☐ (10) METAL MINING
☐ (11) ANTHRACITE, BITUMINOUS COAL & LIGNITE MINING
☐ (13) CRUDE PETROLEUM & NATURAL GAS EXTRACTION
☐ (14) MINING & QUARRYING OF NONMETALLIC MINERALS, EXCEPT FUELS
☐ (18) RADIOACTIVE MATERIALS OPERATIONS
☐ (20) FOOD AND KINDRED PRODUCTS
☐ (22) TEXTILE MILL PRODUCTS
☐ (24) LUMBER AND WOOD PRODUCTS
☐ (26) PAPER AND ALLIED PRODUCTS
☐ (28) CHEMICALS AND ALLIED PRODUCTS
☐ (29) PRODUCTS OF PETROLEUM AND COAL
☐ (30) RUBBER AND RUBBER PRODUCTS
☐ (31) LEATHER AND LEATHER PRODUCTS
☐ (33) PRIMARY METAL INDUSTRIES
☐ (34) FABRICATED METAL PRODUCTS
☐ (39) MISCELLANEOUS MANUFACTURING INDUSTRIES

22. NOTICE ON WATER POLLUTION *(Check and complete as appropriate)*

☐ (1) NO NOTIFICATION RECEIVED
☐ (2) FORMAL NOTICE _____ (Date)
☐ (3) LETTER REPORT _____ (Date)
☐ (4) VERBAL REPORT _____ (Date)

23. REMARKS *(Use reverse if more space is required)*

24. PREPARED BY *(Type name and title)*	25. SIGNATURE	26. DATE

*Abbreviate when necessary so as not to exceed 23 letters and spaces.

GSA FORM FEB 61 1166C

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INSTRUCTIONS FOR THE PREPARATION OF GSA FORM 1166C, REPORT OF WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

1. General Instructions.

a. Coverage and Reporting Agency. GSA Form 1166C, Report of Waste Water Disposal Practices at Federal Installations, shall be prepared by all reporting agencies as of December 31, 1960, in an original and two carbon copies. These reports shall cover all waste water generated by activities of the United States, from all real property owned by and leased to the Federal Government, including wholly owned Government corporations, in the fifty States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and the Virgin Islands. Reports shall also cover waste water from (1) nonfederal activities conducted in Federal buildings or structures and (2) activities on Federal land carried on by a nonfederal operator acting as an agent for and under the supervision of the United States, such as construction contractors and park concessionaires. For purposes of this circular, waste water disposal is defined to include (a) all discharges from building plumbing systems, (b) all fecal discharges whether or not water carried, (c) all liquid wastes from active or abandoned industrial activities, including cooling waters, and (d) all solid wastes from active or abandoned industrial activities which are discharged directly into, or which may find their way into, surface or ground waters.

Reports are required for all real property owned by and leased to the United States except:

(1) Installations held in trust by the United States,

(2) All building locations leased to the United States for use as offices or post offices, as reportable on GSA Form 1166A,

(3) Installations consisting only of land where there are no reportable activities generating wastes as defined in the preceding paragraph,

(4) Lookout towers, ranger offices and single quarters in National Forests and other remote areas, and

(5) Installations from which no wastes as defined in this circular are generated, such as seldom-visited, unattended installations consisting of automatic signalling, lighting, gauging or warning devices.

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For purposes of this inventory, a reporting agency shall be the same as that prescribed for the annual inventories of real property owned by and leased to the United States Government in GSA Regulations 2-XI-201.01 and 2-XI-202.01.

b. Reporting Entity. It is the purpose of this inventory to locate and describe the sources of all wastes generated from Federal installations which affect, or are likely to affect, the quality of either surface or ground waters. Thus, a reporting entity for purposes of this inventory may differ somewhat from the entity used in the inventories of real property owned by and leased to the United States.

(1) Single Report from Federal Installations.

A Federal installation which generates waste discharging to not more than one of any or all types of discharge points as described in Block 15 of these instructions is the same reporting entity for this inventory as in the Federal real property inventories. Reports should be so prepared that waste waters which are discharged from a single waste water system within an installation through one or more effluent pipes directly into a single surface water body are included in one reporting entity.

(2) Two or more Reports from Federal Installations.

(a) A Federal installation which generates waste discharging to more than one of any or all types of discharge points as described in Block 15 of these instructions is the subject of two or more reports. In the case of these installations, a reporting entity is to be determined in accordance with the occurrence and location of any activities taking place thereon which result in the discharge of waste waters to a water body or to the ground. If waste waters are separately handled in separate parts of an installation, even though effluents are discharged to the same water body but at different discharge points, individual reports shall be prepared for each of the separate systems.

Example: An individual unit of a military base having its own sewage disposal facilities is considered a reporting entity even though the effluent from this unit enters the same stream as that receiving the waste waters from some other part of the base.

(b) Wherever waste waters are discharged to two or more different bodies of water, or to widely separated points on the same body of water, each such discharge shall be considered to be a separate reporting entity.

Example: Two parts of a single Federal installation discharging waste waters separately to two different streams are considered as two separate reporting entities.

(c) Where waste waters are disposed of into two or more points of the ground, all such disposal facilities on a Federal installation which are located within a radius of one-half mile shall be included in one reporting entity unless there are well-defined units with a lesser radius which will more exactly describe the facilities.

2. Specific Instructions for Preparation of GSA Form 1166C.

a. Date, Agency, and Property Identification.

Block 1. Agency Control No. For identification purposes, each reporting agency may assign an agency control number to each report.

Block 2. Report As Of. The effective date of this report, December 31, 1960, is preprinted on the form.

Block 3. GSA Control No. Enter in this block the GSA control number assigned to the GSA Forms 1166 or 1166A covering the real property owned by or leased to the Federal Government for which this report is prepared. In some cases several reports for the purpose of this inventory may be covered by real property reported under one GSA control number on GSA Forms 1166 or 1166A. In the case of installations being reported for the first time enter ("NEW").

Block 4. This block for GSA use.

Block 5. Name of Installation. When this report covers all real property reported on GSA Forms 1166 or 1166A as of June 30, 1960; enter the same name shown on these forms. When this report covers only a part of the real property previously reported, enter the commonly used name for the portion of the real property being reported. When an installation is located in more than one State, a separate report is required to cover the

portion of the installation located in each State. Abbreviate the name of the installation, when necessary, so that it shall not exceed 23 type spaces, including blank spaces between letters or words. For example, "First National Bank Building" which has 28 type spaces may be abbreviated "First Nat Bank Bldg"

Block 6. Activity. Check the applicable box to indicate the predominant activity generating waste waters. These activities are:

Code	Activity Type
1	Federal activity.
2	Nonfederal activity.

Only one box should be checked for each report. When only activity of the United States Government generates the reported waste, check the box for Code 1. When a Federal installation contains some minor nonfederal activities which generate waste flowing into the same point of discharge being reported for U. S. activities, check only the box for Code 1. Examples of these minor activities are a restaurant concession occupying a small portion of a Federal building, laundries, and gasoline facilities on military installations, etc. When nonfederal activities on Federal real property are the major or only source generating waste reported, check the box for Code 2 and give the name of the operator in Block 23, Remarks.

Block 7. Reporting Agency. Enter the name of the reporting agency; that is, the department, commission, administration, or authority. For example: Department of Commerce, Atomic Energy Commission, Veterans Administration, or Tennessee Valley Authority.

Block 8. Installation Population. Check the box for the appropriate code to show the total number of persons in the area covered by this report during a 24-hour day of normal operations. The codes and respective population description follow.

Code	Number of Persons
1	1-50
2	51-100
3	101-500
4	501-1000
5	1001-2500
6	2501-5000
7	5001-10,000
8	more than 10,000

Block 9. Bureau or Other Major Organization. Enter the name of the reporting Bureau or comparable major organization unit within the reporting agency. For example: National Bureau of Standards.

Block 10. State or Continent. Enter the name of the State (in U.S.) or continent (outside U.S.) in which the real property is located. When an installation is located in more than one State, a separate report shall be submitted to cover the portion of the installation located in each State.

Block 11. City or Town. Enter the name of the city or town in or near which the installation is located, provided (1) the installation is in one county only, and (2) the designated city or town is in the same county as the location of the installation (Block 13.). When these circumstances do not apply, enter "No City Identification".

Block 12. Street Address. Enter the street address, RFD, route number or other local designation.

Block 13. County or Country. Enter the name(s) of the county, counties, parish(es) (in U.S.) or U.S. territory or possession, (outside U.S.) in which the real property is located. Separate reports for each county in the same State are not required; however, the name of each county must be entered in this block. If the space is insufficient, complete the list of counties under "Remarks", Block 23.

Block 14. Geographical Code. Enter the appropriate numerical code for the location of the installation as shown in Blocks 10, 11, and 13 in the following sequence: State or Continent (2 digits), City or Town (4 digits), County or Country (3 digits). (Example: Coral

Gables, Dade County, Florida, will be shown as 09-0670-025.)

Codes shall be obtained from the publication "Geographical Location Codes", issued by the General Services Administration, Office of Comptroller. (See GSA Circular No. 146, Revision No. 2, dated June 30, 1960.) Do not fill in this space if the geographical code is not known. When the location of the installation cannot be identified with any city (Block 11) the code under "City" shall be reported as 9999. When the installation is located in more than one county (Block 13), the code under "County" shall be reported as 999.

b. Waste Water Discharge.

Block 15. Point of Discharge. The points of discharge are preprinted in this block.

When one of the points of discharge is a public utility sewer, enter the name of the owner and/or operator of the sewer system in the appropriate space provided in this block under the preprinted "Public Utility Sewer." Abbreviate the name of the owner, when necessary, so as not to exceed 23 type spaces and/or letters, including the blank spaces between letters or words.

When one of the points of discharge is a surface water body, enter the name of this body in the space provided in Block 15 under "Surface Water Body." Abbreviate the name of the body, when necessary, so as not to exceed 23 type spaces and/or letters, including blank spaces between letters or words. The various points of discharge are described below.

Code	Description
1	Public Utility Sewers are generally municipal, county, or other local governmental systems. They are also defined to include any pipe, conduit, or receiving chamber which is part of a sewer system owned and/or operated by any other than the reporting entity.
2	Surface Water Body shall mean any river, stream, lake, pond, tidal, or estuarial water.

It shall include sewage lagoons or waste stabilization ponds, whose effluents discharge to a surface water body.

3 Ground shall mean the discharge into septic tanks, cesspools and subsurface disposal fields, privy vaults, chemical toilets, sewage lagoons or stabilization ponds where no effluent discharges to a surface water body. Also include deep wells or spray and other irrigation on land of the reporting entity.

4 Transferred to Other Users shall mean that the waste water discharge is actually piped or otherwise transferred to some person, public or private body other than the reporting entity for use such as for cooling purposes, or irrigation on land not within the reporting entity.

Block 16. Estimated Sewage Discharge Per Day. Enter the estimated average discharge of sewage in gallons per day for each point of discharge printed in Block 15. Include all discharges from building plumbing systems. In the case of fecal discharges which are not water-carried, enter the number of persons using that particular facility during an average day and use the letter "P" after the figure for number of persons. Show the total discharge as reported in gallons for Codes 1, 2, 3, and 4, and enter the total in the space so marked.

Block 17. Percent of Sewage Treated. For each point of discharge reported in Block 16, enter the percent to show the portion of this sewage which is treated by the reporting agency and/or lessee of the property. Under "Remarks" Block 23, describe briefly this treatment.

Block 18. Estimated Industrial Waste Discharge Per Day. This block is to be used to report both liquid and solid wastes from active or abandoned industrial activities. Enter the estimated average discharge of liquid waste including cooling waters in gallons per day for each applicable point of discharge printed in Block 15.

If there are any solid wastes as defined in this circular, paragraph 4, Coverage, enter the letter "S" after the figure reporting gallons of liquid discharge. If there are solid wastes only, enter the letter "S". Show the total industrial liquid waste discharge in gallons for Codes 1, 2, 3, and 4 in the "Total" space.

Block 19. Percent of Industrial Waste Treated. For each point of discharge of industrial waste reported in Block 18, enter the percent to show the portion of this total industrial waste which is treated by the reporting agency and/or lessee of the property. Under "Remarks" Block 23, describe briefly this treatment.

Block 20. Percent Cooling Water. For each point of discharge reported in Block 18, enter the percent of this industrial waste which is cooling water.

Block 21. Activities Generating Industrial Wastes. When industrial wastes are reported, check the necessary boxes for codes representing activities conducted at this installation which generate industrial wastes. The codes and classifications of activities generating industrial wastes follow:

Code	Description
10	Metal Mining includes establishments primarily engaged in mining, developing mines, or exploring for metallic minerals (ores). These ores are valued chiefly for the metals contained to be recovered for use as such or as constituents of alloys. In addition, ores of rare earth metals and titanium are included. This major group also includes all ore dressing and beneficiating operations whether performed at mills operating in conjunction with the mines served or at mills, such as custom mills, operated separately. These include mills which crush, grind, wash, dry, sinter, or leach ore, or perform gravity separation or flotation operations. Exception: Any metal mining as defined under this code which is concerned primarily with uranium or other radioactive ores shall be reported under Code 18, Radioactive Materials Operations.
11	Anthracite, Bituminous Coal, and Lignite Mining includes establishments primarily engaged in producing anthracite (hard coal), bituminous coal, or lignite. Mining operations, dredging operations, and preparation plants such as cleaning plants, breakers, and washeries, whether or not such plants are operated in conjunction with the mines served, are included.

13 Crude Petroleum and Natural Gas Extraction includes establishments primarily engaged in producing crude petroleum, natural gas, natural gasoline, and cycle condensate. Types of activities included are explorations, drilling, well operation and maintenance, and the operation of natural gasoline and cycle plants. The group includes emulsion breaking and desilting of crude petroleum performed to render the oil marketable, and the production of petroleum products from lignite.

14 Mining and Quarrying of Nonmetallic Minerals, Except Fuels includes establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels.

18 Radioactive Materials Operations includes all operations involved in mining, developing mines or exploring for uranium or other radioactive ores; all operations involved in processing such ores for the separation of radioactive materials; and all operations involved in handling and fabricating of such materials. Also included are all nuclear reactor operations such as those involved in the production of radioactive isotopes, in the testing of experimental units or in the production of power. Exception: Operations where radioactive materials are used in medical diagnostic, therapeutic or research procedures or as tracers in industrial or other research, are not included in this Code, and such operations are not to be considered in this inventory.

20 Food and Kindred Products includes establishments manufacturing foods and beverages for human consumption, and certain related products such as manufactured ice and prepared feeds for animals and fowls.

22 Textile Mill Products includes establishments engaged in performing any of the following operations, regardless of the type of fiber used: (1) manufacturing yarn, thread, cordage, and twine; (2) manufacturing woven fabric, carpets and rugs, braids, laces, knit fabric,

knit garments, and other products from yarn; (3) dyeing and finishing fibers, yarn, and fabrics, and (4) coating, waterproofing, and otherwise treating fabric. Also included are establishments engaged in manufacturing felt fabrics and products.

24 Lumber and Wood Products includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, veneer mills, lath mills, shingle mills, cooperage-stock mills, planing mills and plywood mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely, or mainly, of wood or wood substitutes, including furniture.

26 Paper and Allied Products includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper or paperboard; and the manufacture of paper and paperboard into converted paper products such as coated paper, paper bags, paper boxes, cards and envelopes.

28 Chemicals and Allied Products includes establishments producing basic chemicals, establishments manufacturing products by predominantly chemical processes; includes manufacture of photographic chemicals.

29 Products of Petroleum and Coal includes establishments refining crude petroleum and manufacturing coke and coke-oven products, paving and roofing materials, and other products made from petroleum and coal; includes establishments manufacturing and distributing gas to consumers.

30 Rubber and Rubber Products includes establishments refining natural rubber or manufacturing synthetic rubber, includes establishments manufacturing from natural or synthetic rubber, gutta percha, balata, or gutta siak, all kinds of rubber products such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments manufacturing reclaimed rubber or rebuilt and retreaded rubber tires.

31 Leather and Leather Products includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and similar products made of other materials.

33 Primary Metal Industries includes establishments engaged in the smelting and refining of ferrous and nonferrous metal from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; and in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals. All operations involved primarily with uranium or other radioactive materials shall be reported under Code 18, Radioactive Materials Operations.

34 Fabricated Metal Products includes establishments engaged in fabricating ferrous and nonferrous metal products such as tin cans and other tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings, lighting fixtures, fabricated wire products, and a variety of metal products not elsewhere classified. Includes ordnance, machinery and transportation equipment.

39 Miscellaneous Manufacturing Industries includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group.

Block 22. Notice on Water Pollution. Check the appropriate box to indicate the type of notification, if any, which has been received from an official source that existing waste water discharge practices at the installation reported may be responsible for any water pollution problem. Codes and types of advice follow:

Code	Type of Advice
1	No notification received
2	Formal notice
3	Letter report
4	Verbal report

For the type of notice checked, enter the date. The date shall be entered by its numerical designation using 6 digits for the month, day, and year. For example, February 5, 1960, would be reported as 02-05-60. If more than one notice has been received, enter the latest notice in this block. Other notices shall be described in Block 23.

c. Remarks, Signature, and Date

Block 23. Remarks. When nonfederal activities are reported in Block 6, enter the name of the operator here. Where treatment is indicated in Block 17 and/or 19, enter a description of each element of the treatment process in this block. Also, enter a description of notices concerning water pollution problems received prior to the notice shown in Block 22, if any. If it is necessary to clarify or expand any entries beyond the space provided in the various blocks, make such notations in this block and continue, if necessary, on the reverse of the form.

Block 24. Prepared by. Type in the name and title of the official responsible for the preparation of the report.

Block 25. Signature. The official designated in Block 24 shall sign his name in the block.

Block 26. Date. Enter the date on which the report was prepared.

GENERAL SERVICES ADMINISTRATION NUMBER OF REPORTS SUBMITTED WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS	FORM APPROVED BUDGET BUREAU NO. 29-6101	1. AS OF December 31, 1960
2. REPORTING AGENCY	3. BUREAU OR OTHER MAJOR ORGANIZATION	

TOTAL NUMBER OF REPORTS FOR INSTALLATIONS IN: -	NUMBER OF REPORTS SUBMITTED
4. THE UNITED STATES *(The 50 States and the District of Columbia)*	
5. PUERTO RICO	
6. THE VIRGIN ISLANDS	
7. GRAND TOTAL NUMBER OF REPORTS (4+5+6)	

8. REMARKS

9. PREPARED BY *(Type name and title)*	10. SIGNATURE	11. DATE

GSA FORM FEB 61 1209C

INSTRUCTIONS FOR THE PREPARATION OF GSA FORM 1209C, NUMBER OF REPORTS SUBMITTED - WASTE WATER DISPOSAL PRACTICES AT FEDERAL INSTALLATIONS

1. General Instructions. GSA Form 1209C, Number of Reports Submitted - Waste Water Disposal Practices at Federal Installations, shall be prepared by each reporting agency for each bureau or other major organizational unit.

   GSA Form 1209C is intended to provide a control over individual inventory reports of waste water disposal at Federal installations submitted on GSA Forms 1166C.

   A separate GSA Form 1209C shall be prepared for each bureau or other comparable major organizational unit. An original and 2 carbon copies of this form together with the related GSA Forms 1166C shall be prepared and submitted to the General Services Administration, Office of Comptroller, Washington 25, D. C., not later than 120 days subsequent to date of issuance of this circular.

2. Specific Instructions.

   a. Date, Reporting Agency, and Bureau.

      Block 1. As Of. The effective date of this report, December 31, 1960, is preprinted on the form.

      Block 2. Reporting Agency. Enter in this block the name of the reporting agency, that is, the department, commission, administration, or authority. For example: Department of Commerce, Atomic Energy Commission, Veterans Administration, or Tennessee Valley Authority.

      Block 3. Bureau or Other Major Organizational Unit. Enter on this line the name of the bureau or other comparable major organizational unit within the reporting agency. For example: National Bureau of Standards or Bureau of Land Management.

   b. Total Number of Reports for Installations by Location.

      Block 4. The United States (The 50 States and the District of Columbia). Enter in this block the total number of reports, GSA Forms 1166C, submitted for installations in the United States.

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Block 5. Puerto Rico. Enter in this block the total number of reports, GSA Forms 1166C, submitted for installations located in Puerto Rico.

Block 6. The Virgin Islands. Enter in this block the number of reports, GSA Forms 1166C, submitted for installations located in the Virgin Islands.

Block 7. Grand Total Number of Reports (4+5+6). Enter in this block the total number of reports, GSA Forms 1166C, submitted by the reporting bureau or other major organizational unit. This amount should agree with the sum of Blocks 4, 5, and 6.

c. Remarks.

Block 8. Remarks. Indicate in Block 8 if Public Health Service technical assistance may be desired to deal with unusual or persistent water pollution control problems, and specify.

Block 9. Prepared by. Type in the name and title of the official responsible for the preparation of the report.

Block 10. Signature. The official designated as responsible for the preparation of the report shall sign his name in this block.

Block 11. Date. Enter date on which the report was prepared.

* U.S. GOVERNMENT PRINTING OFFICE : 1982 O—844218